The Home Shop Machinist

1994 Volume Twelve Index

January/February – J/F
March/April – M/A
May/June – M/J
July/August – J/A
September/October – S/O
November/December – N/D

A

ACKER, STEVE
Product Review
Paragon Q-11A Heat-treating Furnace,The J/F 20
ANDREWS, ALAN
Modified Arbor Press Ram, A M/A 54
Another Vise Jaw Idea J/F 16
Avoiding Broken Gear Belts S/O 19

B

Balancing a Grinding Wheel J/F 36
Base for a Band Saw J/F 46
BOOK REVIEWS
Machinist's Third Bedside Reader, The J/F 23
Master Mechanics' Manual, Volume One S/O 18
Bridgeport Mill Tricks M/J 14
BROWNE, DONOVAN V.
Chips & Sparks
Dental Burrs in the Metal Shop M/A 16
BRUCE, FRED
Chips & Sparks
Another Vise Jaw Idea J/F 16
Build and Use a Tool Post Grinder
(See KOUHOUPT, RUDY)
Building the Titan .60
(See GENEVRO, GEORGE)

C

Chatterless Countersinks N/D 48
Chips & Sparks
Another Vise Jaw Idea J/F 16
Avoiding Broken Gear Belts S/O 19
Bridgeport Mill Tricks M/J 14
Cut Threads With a Tap M/A 17
Dental Burrs in the Metal Shop M/A 16
In Lieu of a Thread Cutting Dial J/A 16
Internal Keyway Slotting M/J 15
Oil Dispenser J/F 16
Pin Vise J/A 16
Stable Propane Torch, A J/F 17
Surface Plate Care M/A 16
Tool Tray J/F 17
CHRISTOPHERSON, A. M.
Balancing a Grinding Wheel J/F 36
Clamping Tapered Material in a Vise – No Problem! N/D 54
Computers in the Shop
(See FRIESTAD, R. W.)
Correcting a Milling Machine Vise J/A 50
Cut Threads With a Tap M/A 17

D

Dental Burrs in the Metal Shop M/A 16
DOCKERY, KEVIN
Exerpts from The Federal Firearms Regulations Guide S/O 42
Drill Bushings J/F 44

E

Exerpts from The Federal Firearms Regulations Guide S/O 42

F

Facing to Accurate Length J/F 40
Files and Filing
(See HOFFMAN, EDWARD G.)
Fixture for Milling End Curves, A S/O 50
FREEMAN, HARVEY
Chips & Sparks
Oil Dispenser J/F 16
FRIESTAD, R. W.
Computers in the Shop
Retrofitting Atlas/Craftsman and Other Lathes to CNC Control
Part 4 J/F 52
Part 5 M/J 48
From the Editor
(See RICE, JOE)
From the Scrapbox
(See McLEAN, FRANK A.)

G

GENEVRO, GEORGE
Building the Titan .60
Part 1 M/A 34
Part 2 M/J 32
Part 3 J/A 39
Part 4 S/O 44
Part 5 N/D 32
Guest Editorial M/A 2

H

HALBERT, R. L.
Low-cost Reversing Switch for Electric Motors N/D 53
HARMON, JOE
Clamping Tapered Material in a Vise – No Problem! N/D 54
HEDIN, R. S.
Chatterless Countersinks N/D 48
HESTER, DON
Chips & Sparks
Cut Threads With a Tap M/A 17
HOBBY PROJECTS
Building the Titan .60
(See GENEVRO, GEORGE)
How to Make a Skeleton Wall Clock
(See SMITH, W.R.)
Single-shot, Lever-action Falling-block Rifle Action
(See MUELLER, WALTER B.)
HOFFMAN, EDWARD G.
Files and Filing
Part 1 S/O 47
Part 2 N/D 50
Jigs & Fixtures
Drill Bushings
Part 4 J/F 44
Set Blocks M/A 48
Specialty Locating Devices
Part 1 N/D 60
Workholder Design Tips
Part 1 M/J 56
Part 2 J/A 51
Part 3 S/O 54
Product Review
AMT Radial Drill Press M/J 16
HOIJER, PETER J.
Large Radius Cylindrical Cuts on a Shaper J/A 44
HOLM, PAUL
Mill/drill Support, A M/J 29
HONEYWELL, DONALD G.
Some Parts Sources J/A 56
How to Make a Skeleton Wall Clock
(See SMITH, W. R.)
HUARD, CONRAD A
Unimat Headstock Adapter J/F 38

I

Improving the Horizontal/Vertical Band Saw N/D 58
In Lieu of a Thread Cutting Dial J/A 16
Internal Keyway Slotting M/J 15

J

Jigs & Fixtures
(See HOFFMAN, EDWARD G.)
JOHNSON, D. E.
Serious Milling With the Lathe
Part 1 S/O 20
Part 2 N/D 38

K

Keyway Broach Bushings S/O 56
KOLAR, GEORGE
Chips & Sparks
Internal Keyway Slotting M/J 15
Tool Tray J/F 17
KOUHOUPT, RUDY
Micro Machinist, The
Base for a Band Saw J/F 46
Build and Use a Tool Post Grinder
Part 1 M/A 20
Part 2 M/J 52
Part 3 J/A 46
Fixture for Milling End Curves, A S/O 50
Make an Open-sided Tool Post N/D 62
Product Review
Adjustable Packing Blocks M/A 18
KOUTSOURES, JIM
Chips & Sparks
Bridgeport Mill Tricks M/J 14

L

LANGFORD, FRANCIS
Avoiding Broken Gear Belts S/O 19
Large Radius Cylindrical Cuts on a Shaper J/A 44
LATHE ACCESSORIES
Build and Use a Tool Post Grinder M/A 20
Make an Open-sided Tool Post N/D 62
Quick Tumbler Gear Reversal Mechanism M/A 44

Serious Milling With the Lathe
(See JOHNSON, D. E.)
Tap Dogs S/O 43
Unimat Headstock Adapter, A J/F 38
LAUTARD, GUY
Product Review
Starrett's No. 164 Series "A" Clamp N/D 55
Some Pointers on Scroll Sawing J/A 34
LEWIS, JACK
More on EDM M/J 44
Low-cost Reversing Switch for Electric Motors N/D 53

M
Make an Open-sided Tool Post N/D 62
MATTHYS, ROBERT J.
More on Three-phase Converters J/F 41
McKINLEY, CLOVER
Book Review
Machinist's Third Bedside Reader, The J/F 23
Master Mechanics' Manual, Volume One S/O 18
Video Review
"Fourth Annual NAMES Exposition" S/O 18
"Video Visit with Guy Lautard & Bill Fenton, A" M/J 13
McLEAN, FRANK A.
From the Scrapbox
Correcting a Milling Machine Vise J/A 50
Improving the Horizontal/Vertical Band Saw N/D 58
Keyway Broach Bushings S/O 56
Milling a Keyseat in a Shaft M/J 58
Unusual Turning Operation, An M/A 46
Using a Router on the Vertical Milling Machine J/F 49
MELTON, L. C.
Facing to Accurate Length J/F 40
Micro Machinist, The
(See KOUHOUPT, RUDY)
Mill Spindle Indicator Holder, A J/A 35
Mill/drill Support, A M/J 29
Milling a Keyseat in a Shaft M/J 58
MILLING/DRILLING ACCESSORIES
Chatterless Countersinks N/D 48
Fixture for Milling End Curves, A S/O 50
Mill Spindle Indicator Holder, A J/A 35
Mill/drill Support, A M/J 29
Modified Arbor Press Ram, A M/A 54
More on EDM M/J 44
More on Three-phase Converters J/F 41
MUELLER, WALTER B.
Single-shot, Lever-action, Falling-block Rifle Action
Part 1 M/J 20
Part 2 J/A 26
Part 3 S/O 36
Part 4 N/D 45
MYERS, TED
Quick Tumbler Gear Reversal Mechanism, A M/A 44

N
North American Model Engineering Exposition M/A 30

O
Oil Dispenser J/F 16

P
PETTIT, GLENN A.
Tap Dogs S/O 43
Pin Vise J/A 16
PRODUCT REVIEWS
Adjustable Packing Blocks M/A 18
AMT Radial Drill Press M/J 16
Learn CAD Now and Easy CAD 2 J/F 18
Micrografx *Designer 3.1* J/F 19
Paragon Q-11A Heat-treating Furnace, The J/F 20
Starrett's No. 164 Series "A" Clamp N/D 55
Workshop Tool & Accessory Plans M/A 18

Q
Quick Tumbler Gear Reversal Mechanism, A M/A 44
Quick-change Tool Post System, A
(See TORGERSON, RICHARD)

R
REICHART, BILL
Simple Timer, A M/A 52
Retrofitting Atlas/Craftsman and Other Lathes to CNC Control
(See FRIESTAD, R. W.)
Reuse Broken Drills M/A 55
Reviving a Lunch Break Shaper N/D 22
RICE, JOE
From the Editor J/F and M/J through N/D 2
North American Model Engineering Exposition M/A 30
Product Review
Learn CAD Now and Easy CAD 2 J/F 18
Micrografx *Designer 3.1* J/F 19
Workshop Tool & Accessory Plans M/A 18
Video Review
"1893 Springfield Duryea, The" J/A 56
RICE, ROY
Mill Spindle Indicator Holder, A J/A 35

S
Serious Milling With the Lathe
(See JOHNSON, D. E.)
Set Blocks M/A 48
SEXTON, TERRY
Reviving a Lunch Break Shaper N/D 22
SHOP IMPROVEMENT PROJECTS
Base for a Band Saw J/F 46
Clamping Tapered Material in a Vise – No Problem! N/D 54
Low-cost Reversing Switch for Electric Motors N/D 53
Modified Arbor Press Ram, A M/A 54
More on EDM M/J 44
More on Three-phase Converters J/F 41
Simple Timer, A M/A 52
Stable Propane Torch, A J/F 17
Simple Timer, A M/A 52
Single-shot, Lever-action, Falling-block Rifle Action M/J 20
(See MUELLER, WALTER B.)
SMITH, W. R.
How to Make a Skeleton Wall Clock
Part 2 J/F 29
Part 3 M/A 24
Part 4 M/J 36
Part 5 J/A 20
Part 6 S/O 28
Part 7 N/D 25
SNOW, HARRY U.
Chips & Sparks
In Lieu of a Thread Cutting Dial J/A 16
Some Parts Sources J/A 56
Some Pointers on Scroll Sawing J/A 34
Specialty Locating Devices N/D 60
Stable Propane Torch, A J/F 17
Surface Plate Care M/A 16
SWINNEY, ROBERT D.
Guest Editorial M/A 2

T
Tap Dogs S/O 43
TECHNIQUES
Balancing a Grinding Wheel J/F 36
Correcting a Milling Machine Vise J/A 50
Facing to Accurate Length J/F 40
Files and Filing
(See HOFFMAN, EDWARD G.)
Improving the Horizontal/Vertical Band Saw N/D 58
Keyway Broach Bushings S/O 56
Large Radius Cylindrical Cuts on a Shaper J/A 44
Milling a Keyseat in a Shaft M/J 58
Reuse Broken Drills M/A 55
Reviving a Lunch Break Shaper N/D 22
Some Parts Sources J/A 56
Some Pointers on Scroll Sawing J/A 34
Turning Short Tapers on a Mill/drill M/A 41
Unusual Turning Operation, An M/A 46
Using a Router on the Vertical Milling Machine J/F 49
THOMAS, STEPHEN M.
Turning Short Tapers on a Mill/drill M/A 41
Tool Tray J/F 17
TORGERSON, RICHARD
Quick-change Tool Post System, A
Part 4 J/F 24
Turning Short Tapers on a Mill/drill M/A 41

U
Unimat Headstock Adapter, A J/F 38
Unusual Turning Operation, An M/A 46
Using a Router on the Vertical Milling Machine J/F 49

V
VAN VEGHEL, L. A.
Reuse Broken Drills M/A 55
VIDEO REVIEWS
"1893 Springfield Duryea, The" J/A 56
"Fourth Annual NAMES Exposition" S/O 18
"Video Visit with Guy Lautard & Bill Fenton, A" M/J 13

W
WELLS NORM
Chips & Sparks
Stable Propane Torch, A J/F 17
Surface Plate Care M/A 16
Workholder Design Tips M/J 56

Z
ZANROSSO, EDDIE M.
Chips & Sparks
Pin Vise J/A 16